

Title (en)
Constant voltage circuit.

Title (de)
Konstantspannungsschaltkreis.

Title (fr)
Circuit à tension constante.

Publication
EP 0513928 A1 19921119 (EN)

Application
EP 92201383 A 19920513

Priority
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• JP 14548391 A 19910521

Abstract (en)
A constant voltage circuit is to stabilize a constant voltage output with respect to a source voltage and produce the constant voltage output at a lower level of the source voltage. The constant voltage circuit is arranged to generate an output of constant voltage (constant voltage Vreg) by using a band-gap circuit (2), and comprises an error detecting circuit (4) for detecting an error voltage between the constant voltage generated by the band-gap circuit and a setting value, an output circuit (6) for receiving a current indicative of the error voltage from the error detecting circuit, generating a current depending on the received current, and feeding the generated current back to the band-gap circuit, and an initiating circuit (8) for supplying an initiation current to the band-gap circuit at the time of raising a source voltage. <IMAGE>

IPC 1-7
G05F 3/22; **G05F 3/30**

IPC 8 full level
G05F 3/30 (2006.01); **G05F 3/22** (2006.01); **H03K 19/00** (2006.01)

CPC (source: EP KR US)
G05F 3/227 (2013.01 - EP US); **G05F 3/30** (2013.01 - EP US); **H03K 19/00** (2013.01 - KR); **Y10S 323/907** (2013.01 - EP US)

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